

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065635.D
 Acq On : 27 Jan 2021 17:26
 Operator : JC/MD
 Sample : M1213-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

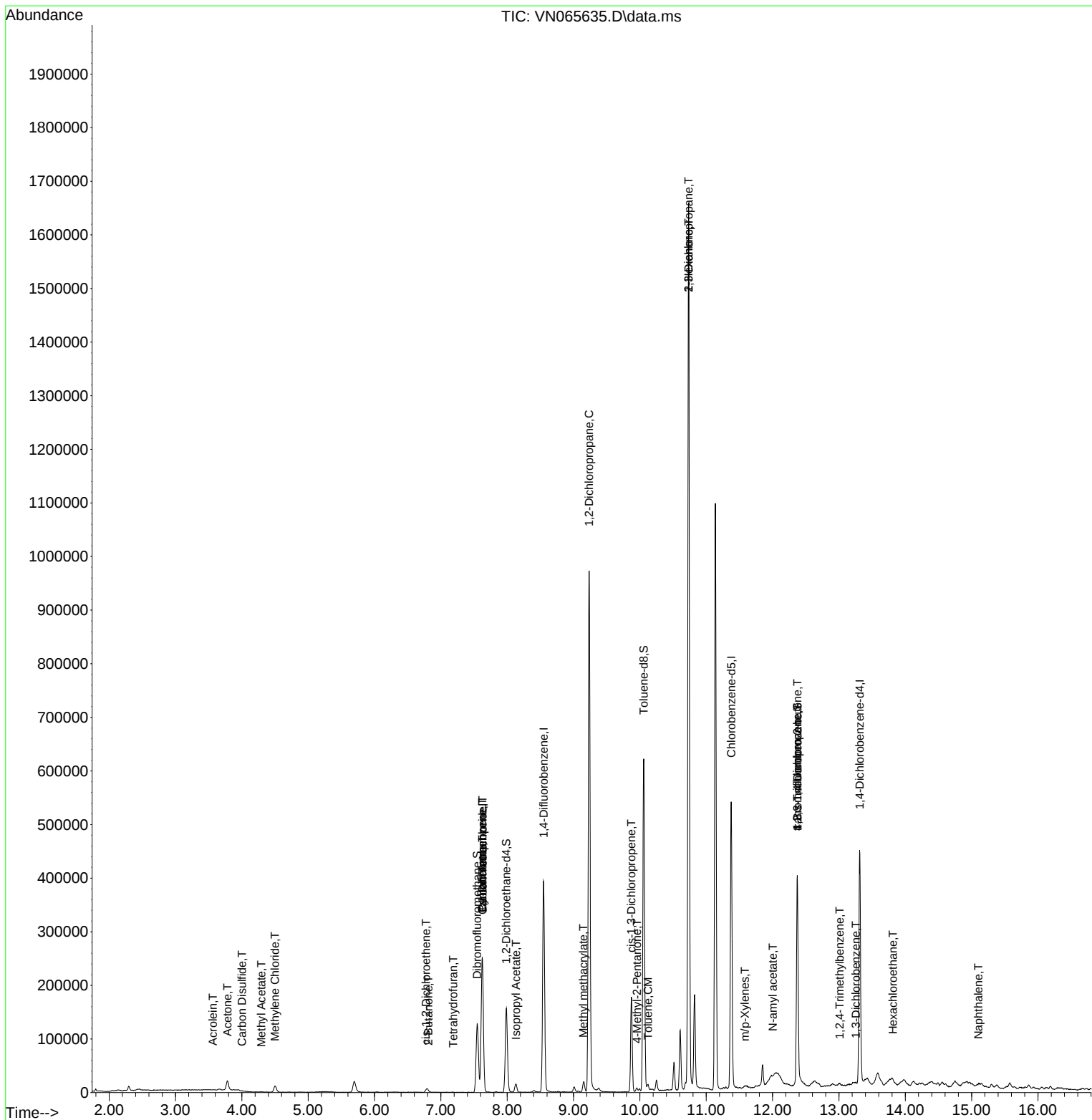
Quant Time: Jan 28 02:17:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

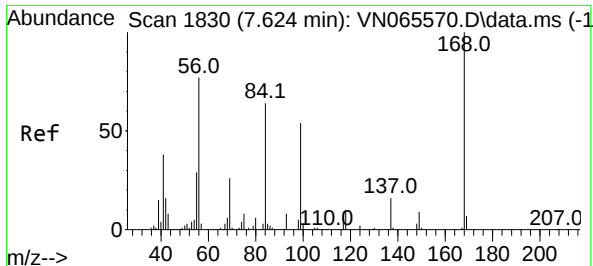
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	206932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	358615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	318822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	122725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	131872	48.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.88%		
35) Dibromofluoromethane	7.547	113	105738	49.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.52%		
50) Toluene-d8	10.058	98	447314	53.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.10%		
62) 4-Bromofluorobenzene	12.373	95	151878	50.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.98%		
Target Compounds					Qvalue	
13) Acrolein	3.563	56	399	18.93	ug/l #	45
16) Acetone	3.782	43	27131	25.60	ug/l	93
17) Carbon Disulfide	4.004	76	1984	0.25	ug/l #	74
18) Methyl Acetate	4.293	43	2073	0.70	ug/l #	51
20) Methylene Chloride	4.499	84	8520	2.90	ug/l	98
25) 2-Butanone	6.811	43	4287	2.58	ug/l	91
27) cis-1,2-Dichloroethene	6.779	96	2508	0.82	ug/l	78
29) Tetrahydrofuran	7.187	42	371	0.31	ug/l #	32
31) Cyclohexane	7.624	56	4335	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16752	4.64	ug/l #	48
38) Carbon Tetrachloride	7.627	117	19598	6.60	ug/l #	16
43) Isopropyl Acetate	8.132	43	20293	3.31	ug/l #	89
45) 1,2-Dichloropropane	9.235	63	1252	0.41	ug/l #	44
48) Methyl methacrylate	9.148	41	4327	1.49	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	5370	1.59	ug/l	98
52) Toluene	10.122	92	5318	0.81	ug/l	95
54) cis-1,3-Dichloropropene	9.872	75	34627	7.43	ug/l #	56
57) 1,3-Dichloropropane	10.733	76	17263	3.94	ug/l #	43
59) 2-Hexanone	10.733	43	236141	100.50	ug/l #	50
68) m/p-Xylenes	11.582	106	1278	0.28	ug/l	78
74) N-amyl acetate	12.003	43	1639	0.36	ug/l #	59
76) 1,2,3-Trichloropropane	12.373	75	73223	22.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	73223	58.44	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.013	105	2466	0.27	ug/l	85
87) 1,3-Dichlorobenzene	13.257	146	1097	0.26	ug/l #	25
90) Hexachloroethane	13.814	117	868	0.55	ug/l #	12
95) Naphthalene	15.103	128	1080	3.58	ug/l #	33

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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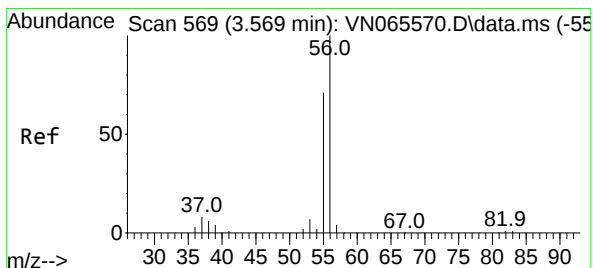
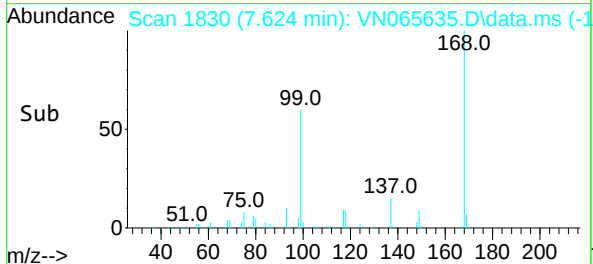
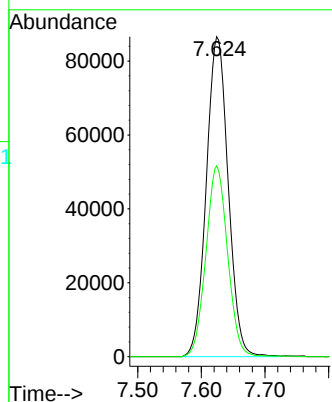
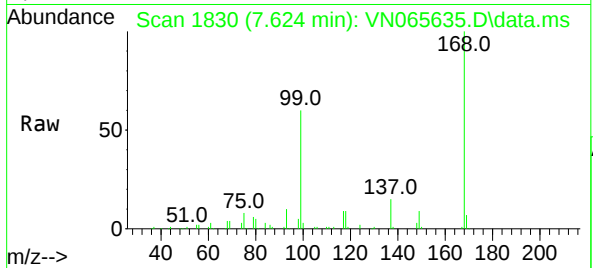




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

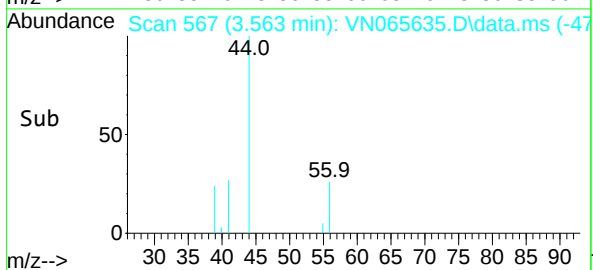
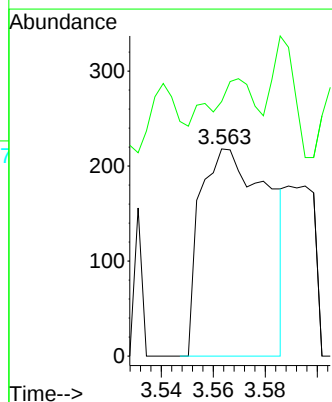
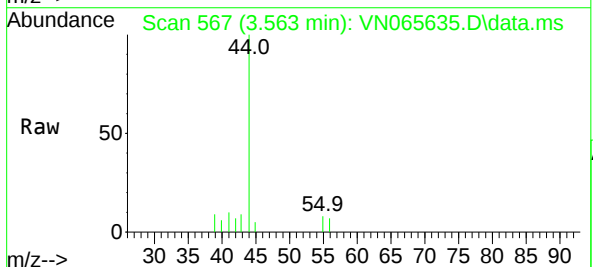
Instrument :
MSVOA_N
ClientSampled :

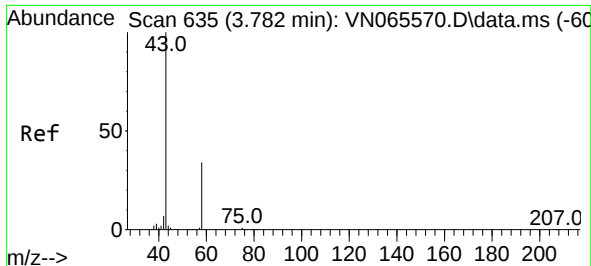
Tgt Ion:168 Resp: 206932
Ion Ratio Lower Upper
168 100
99 59.7 42.6 63.8



#13
Acrolein
Concen: 18.93 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 56 Resp: 399
Ion Ratio Lower Upper
56 100
55 25.1 56.0 84.0#

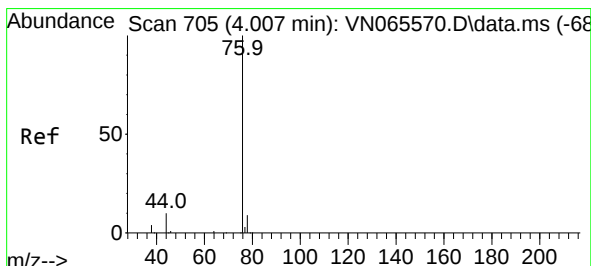
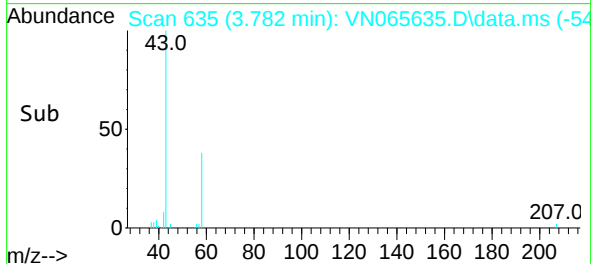
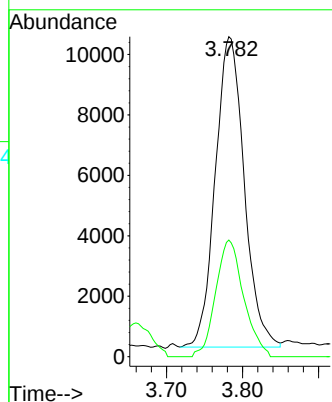
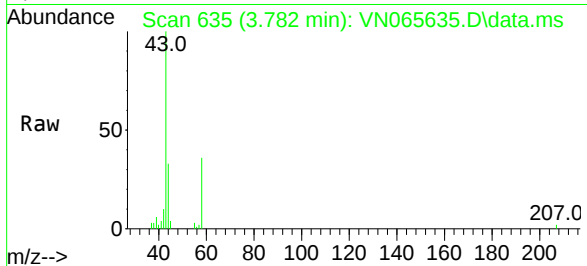




#16
Acetone
Concen: 25.60 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

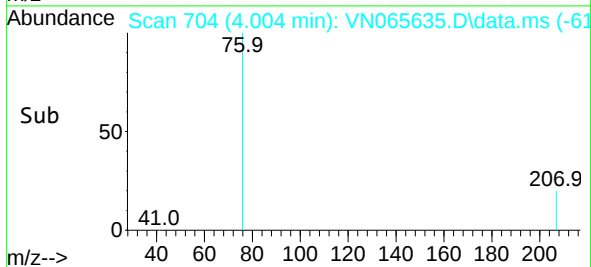
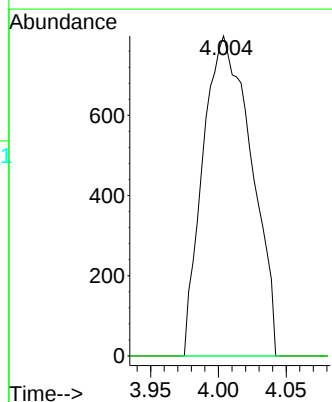
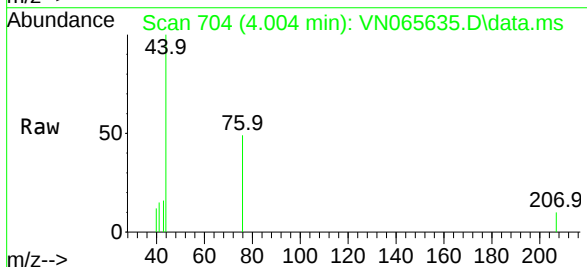
Instrument :
MSVOA_N
ClientSampled :

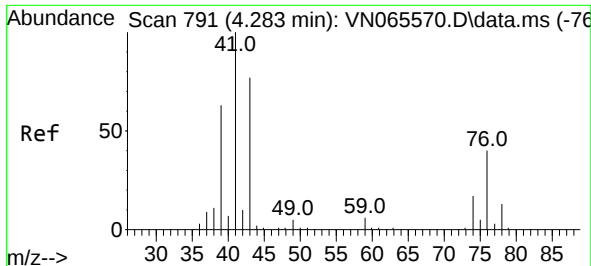
Tgt Ion: 43 Resp: 27131
Ion Ratio Lower Upper
43 100
58 37.6 27.0 40.6



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

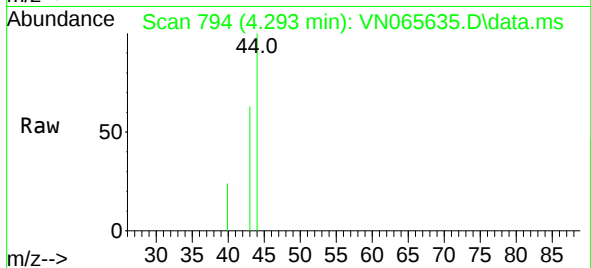
Tgt Ion: 76 Resp: 1984
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



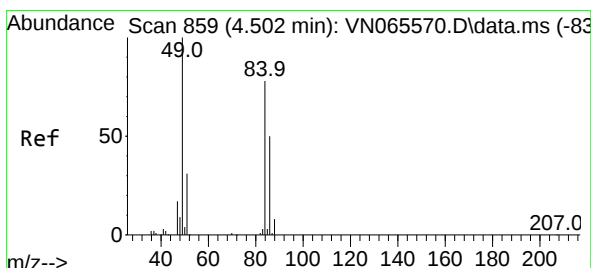
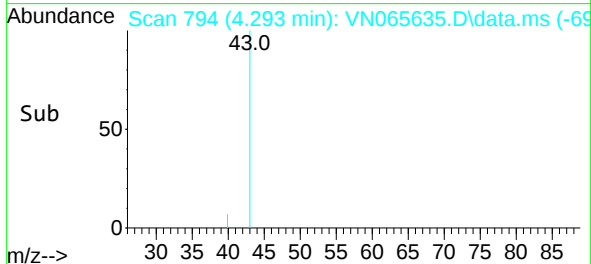
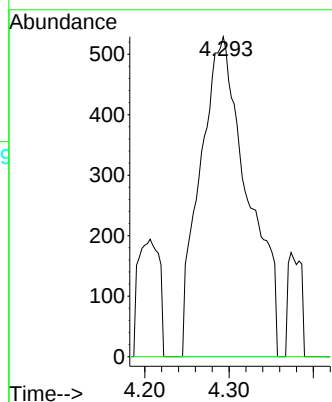


#18
Methyl Acetate
Concen: 0.70 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Instrument :
MSVOA_N
ClientSampled :

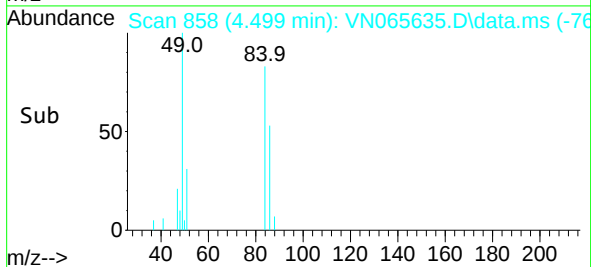
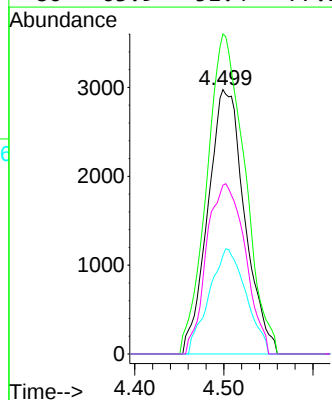
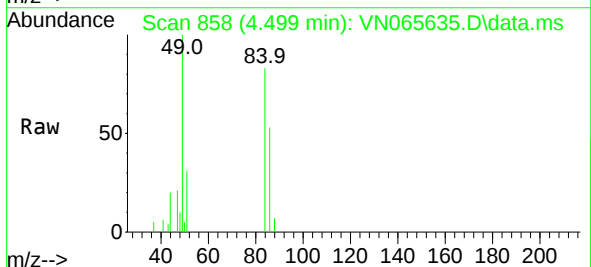


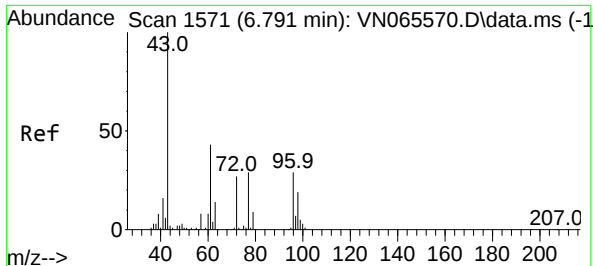
Tgt Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 2.90 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 84 Resp: 8520
Ion Ratio Lower Upper
84 100
49 121.0 94.6 141.8
51 37.2 29.9 44.9
86 63.9 51.4 77.2

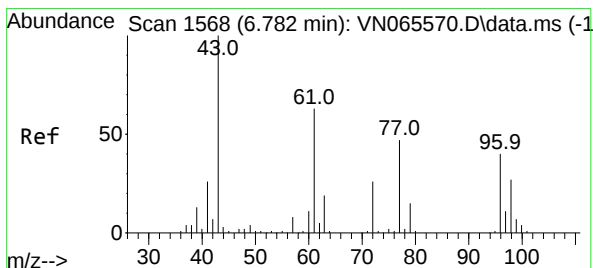
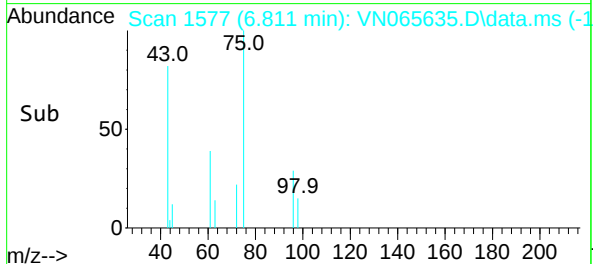
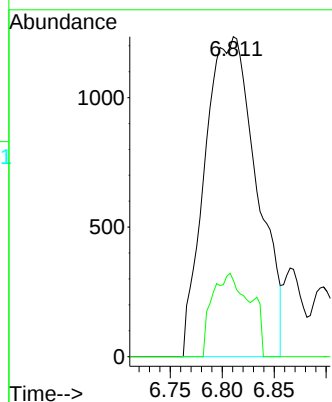
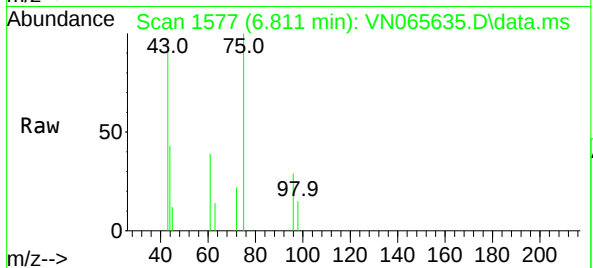




#25
2-Butanone
Concen: 2.58 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.020 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

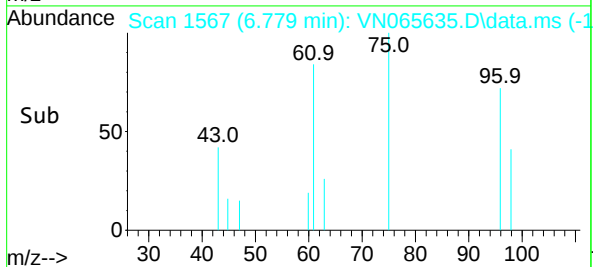
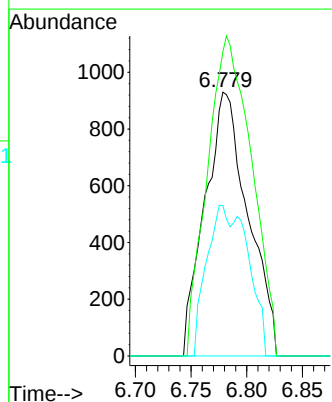
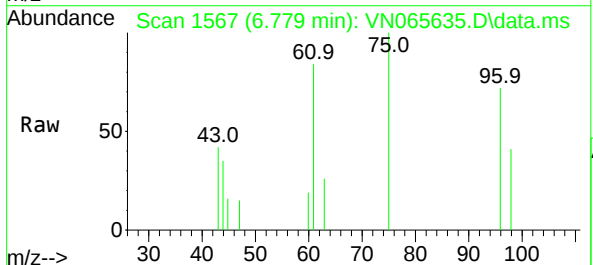
Instrument :
MSVOA_N
ClientSampled :

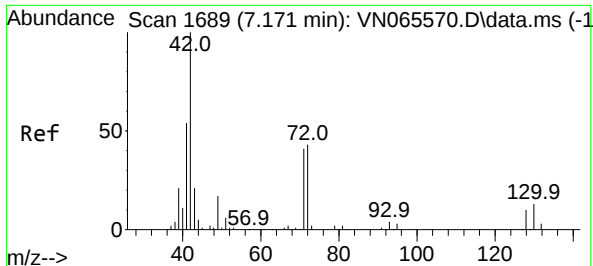
Tgt Ion: 43 Resp: 4287
Ion Ratio Lower Upper
43 100
72 23.9 23.1 34.7



#27
cis-1,2-Dichloroethene
Concen: 0.82 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 96 Resp: 2508
Ion Ratio Lower Upper
96 100
61 124.4 0.0 276.8
98 30.7 0.0 129.4

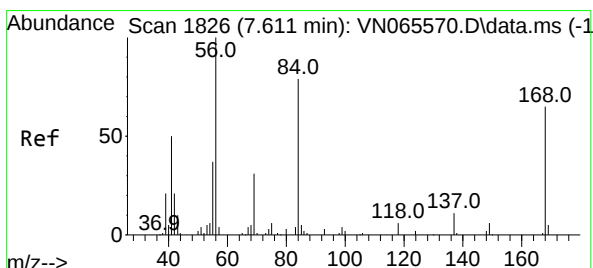
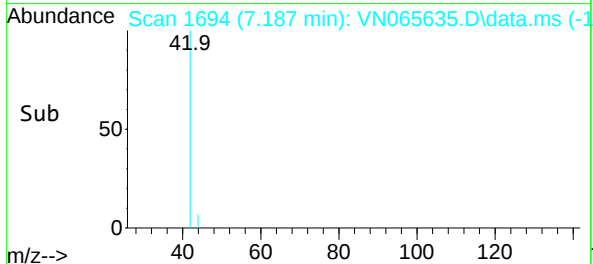
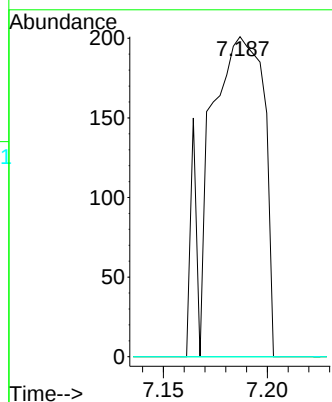
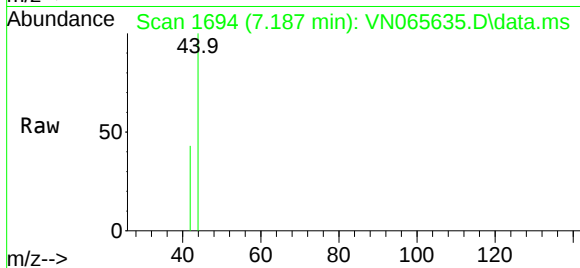




#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.016 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

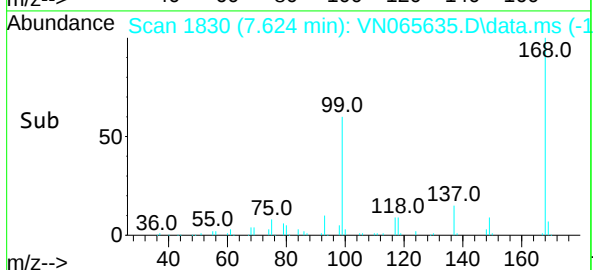
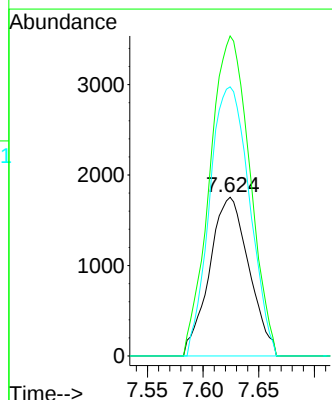
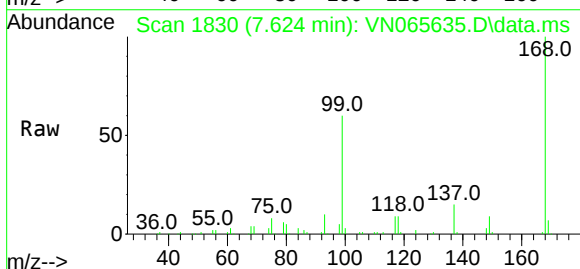
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MSVOA_N
ClientSampled :

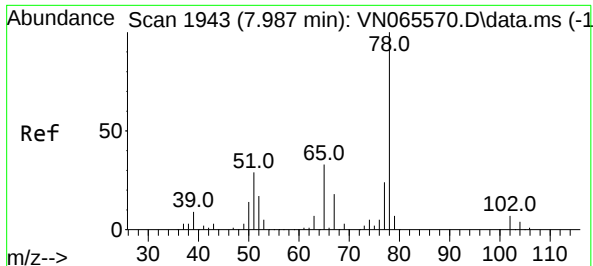
Tgt Ion:	42	Resp:	371
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#



#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion:	56	Resp:	4335
Ion	Ratio	Lower	Upper
56	100		
69	201.5	26.6	39.8#
84	169.5	70.4	105.6#

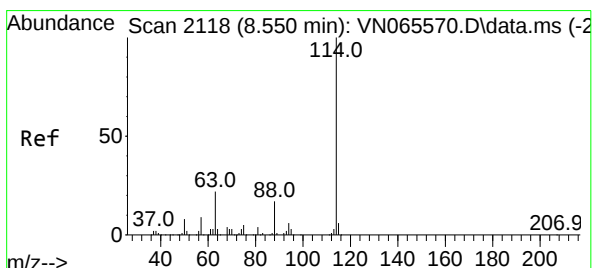
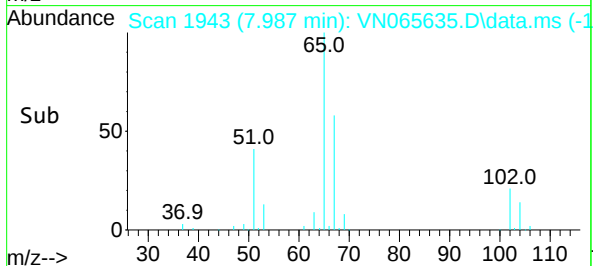
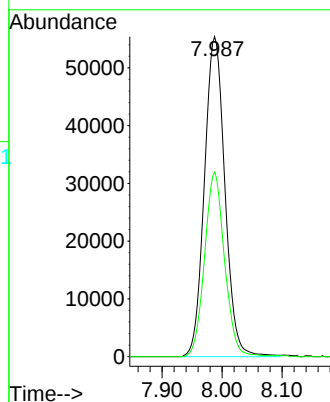
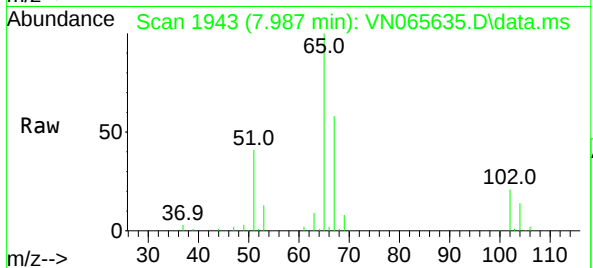




#33
1,2-Dichloroethane-d4
Concen: 48.44 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

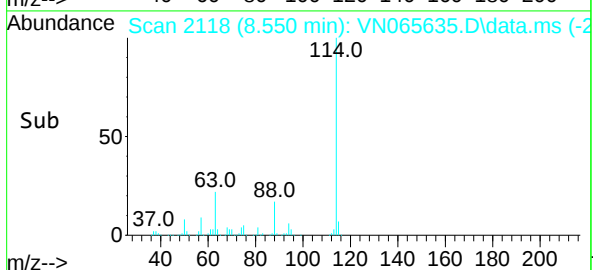
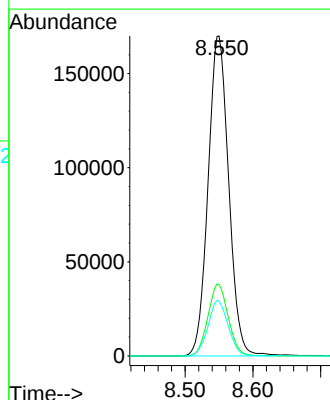
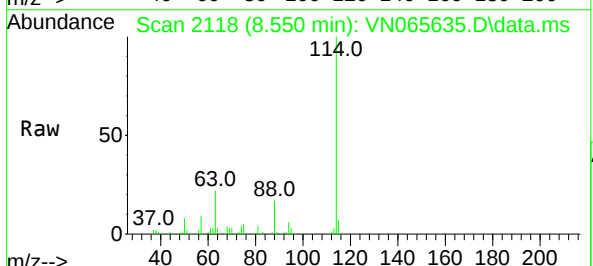
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ClientSampled :

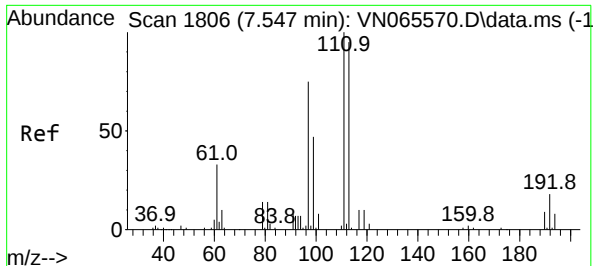
Tgt Ion: 65 Resp: 131872
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 114 Resp: 358615
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.6
88 17.1 0.0 30.6

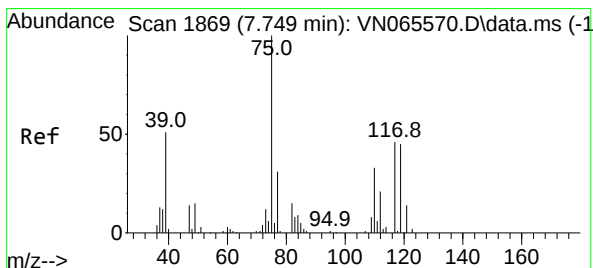
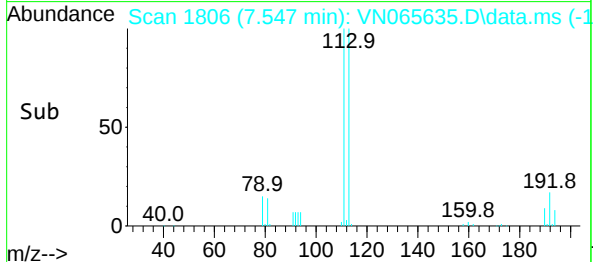
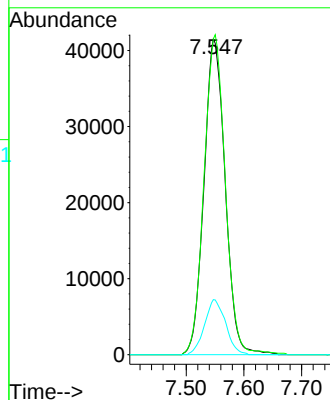
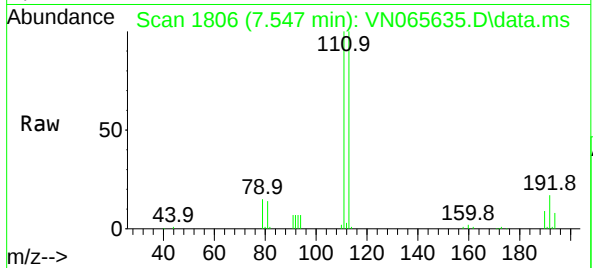




#35
Dibromofluoromethane
Concen: 49.76 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

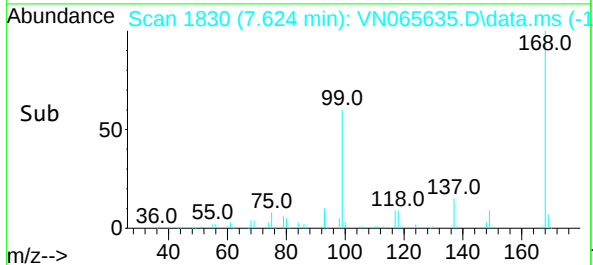
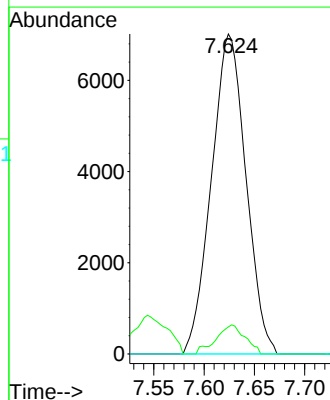
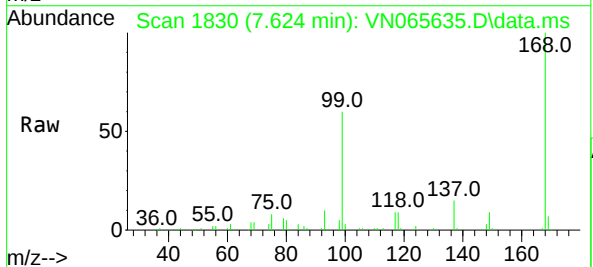
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MSVOA_N
ClientSampleId :

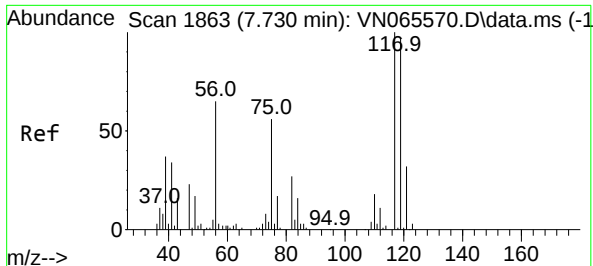
Tgt Ion:113 Resp: 105738
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 17.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

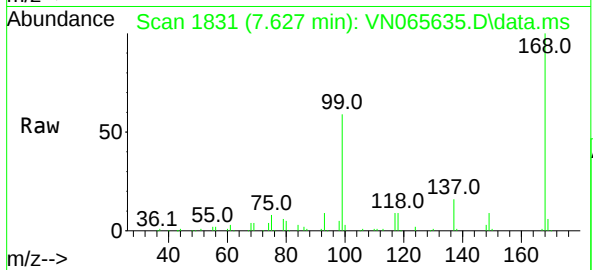
Tgt Ion: 75 Resp: 16752
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#



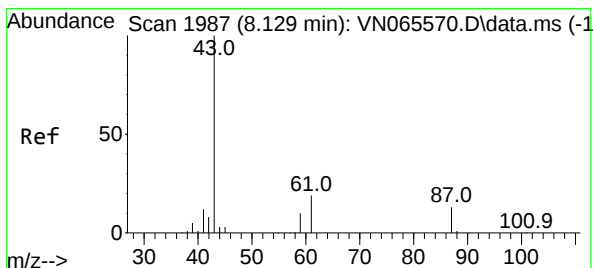
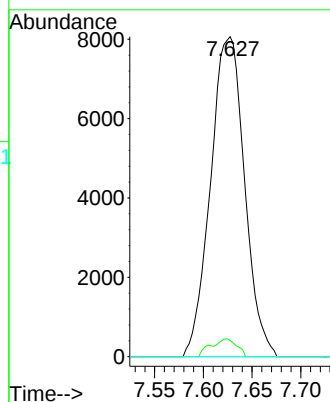
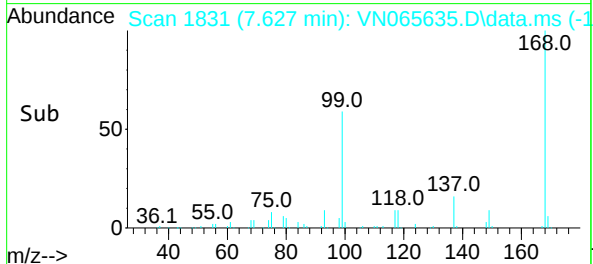


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.103 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

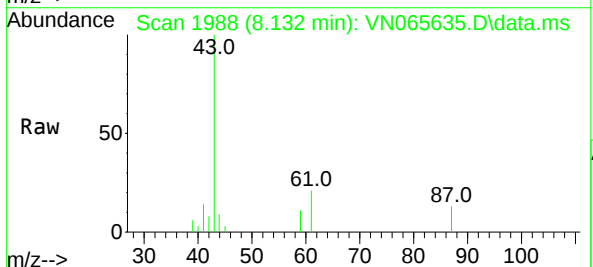
Instrument :
MSVOA_N
ClientSampleId :



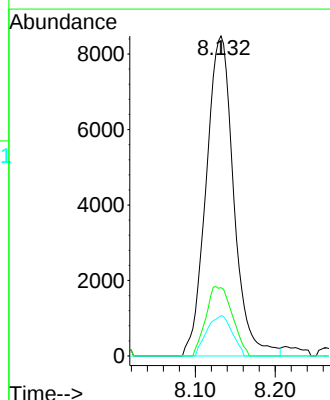
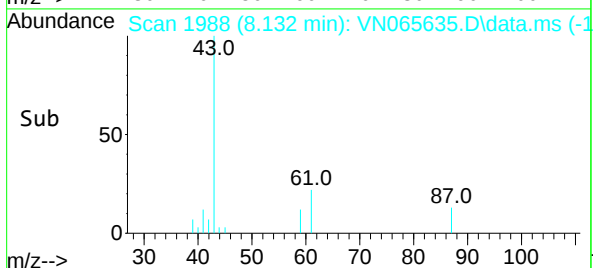
Tgt Ion:117 Resp: 19598
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.5 36.7#

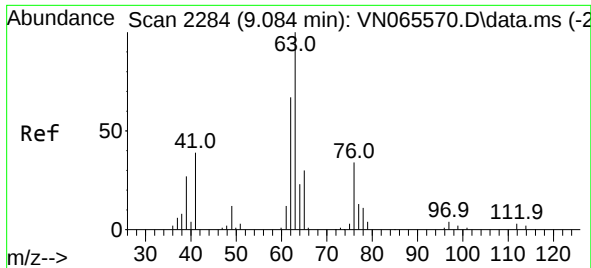


#43
Isopropyl Acetate
Concen: 3.31 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26



Tgt Ion: 43 Resp: 20293
Ion Ratio Lower Upper
43 100
61 20.8 22.5 33.7#
87 11.5 11.1 16.7

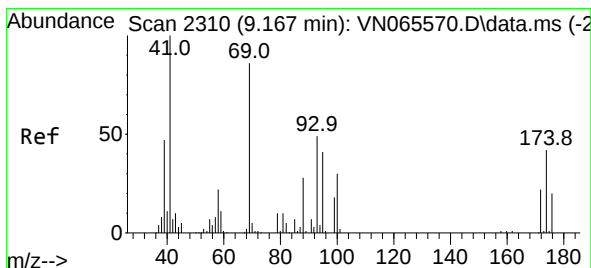
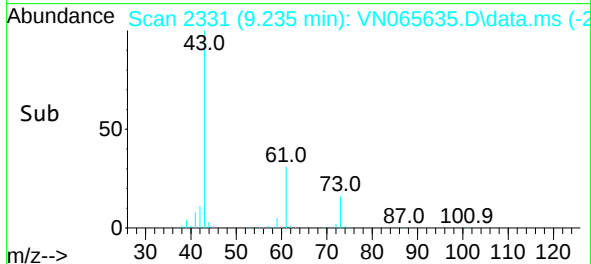
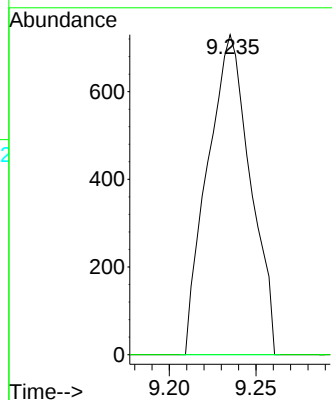
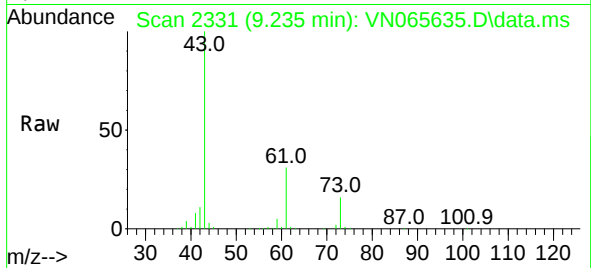




#45
1,2-Dichloropropane
Concen: 0.41 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

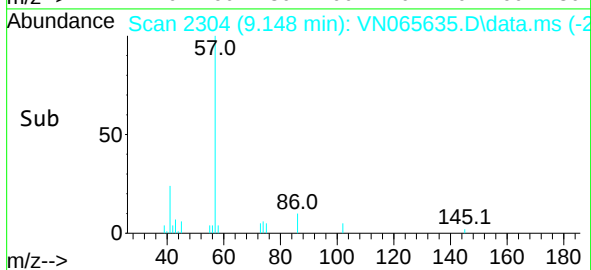
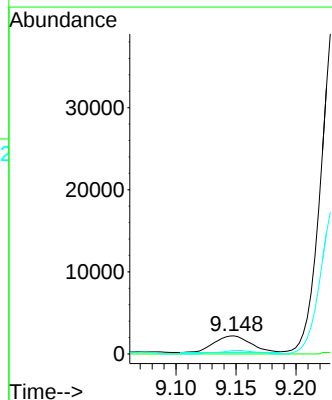
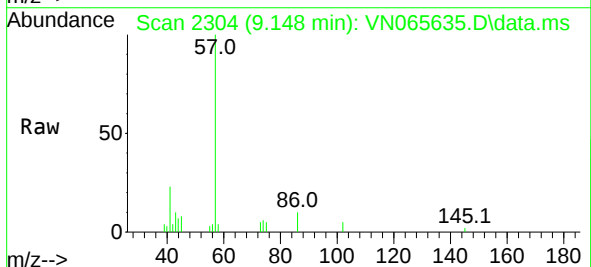
Instrument :
MSVOA_N
ClientSampled :

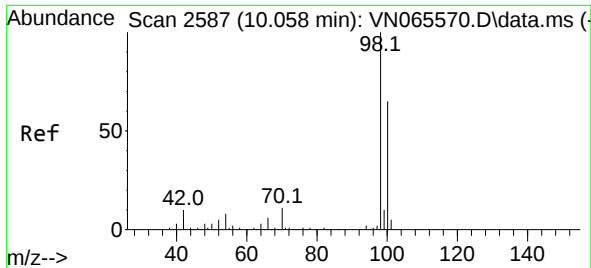
Tgt Ion: 63 Resp: 1252
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.49 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 41 Resp: 4327
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

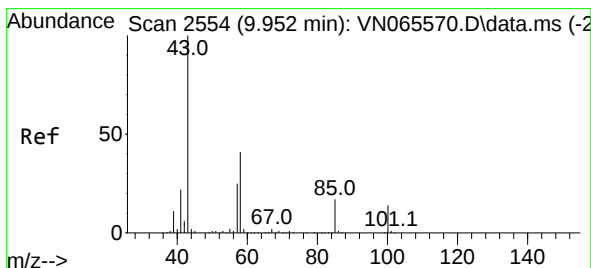
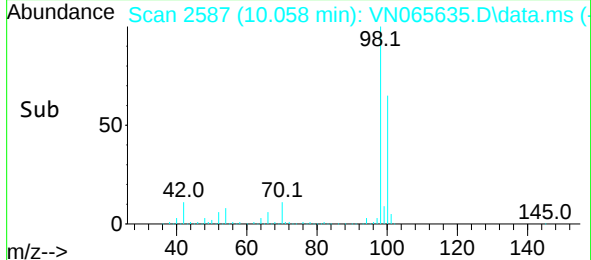
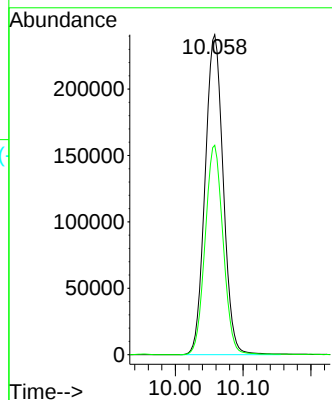
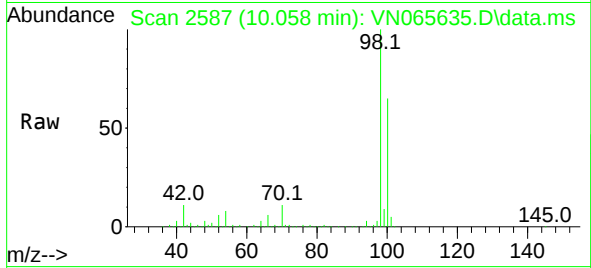




#50
Toluene-d8
Concen: 53.55 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

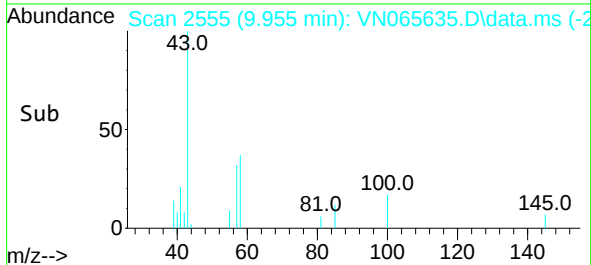
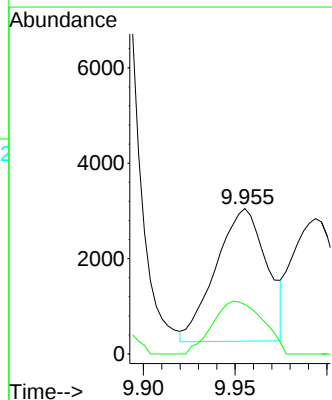
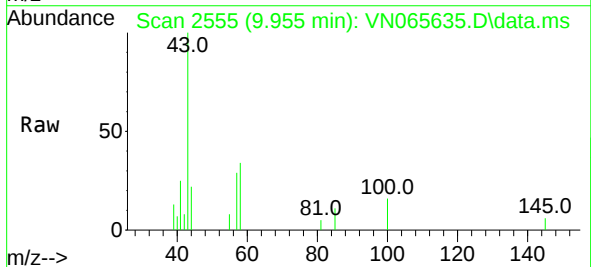
Instrument :
MSVOA_N
ClientSampled :

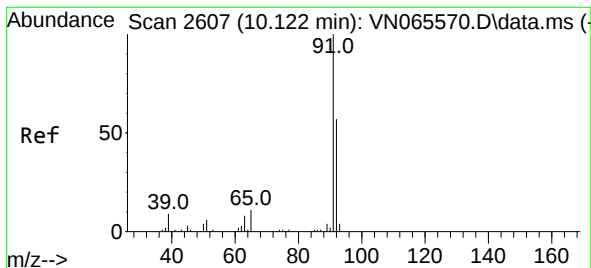
Tgt Ion: 98 Resp: 447314
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.59 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 43 Resp: 5370
Ion Ratio Lower Upper
43 100
58 39.4 32.5 48.7





#52

Toluene

Concen: 0.81 ug/l

RT: 10.122 min Scan# 2607

Delta R.T. 0.000 min

Lab File: VN065635.D

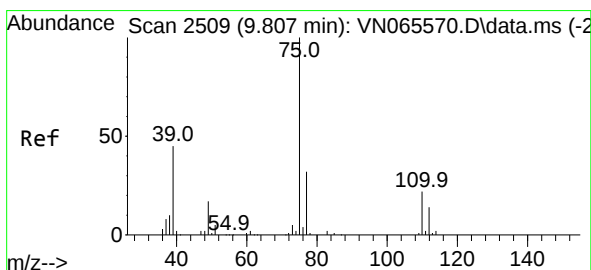
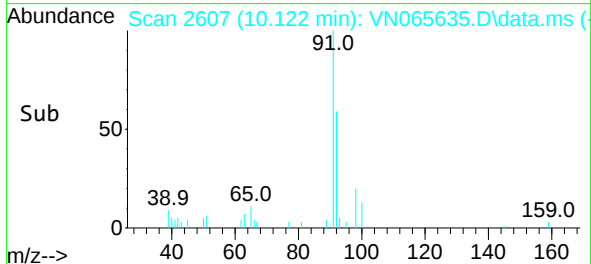
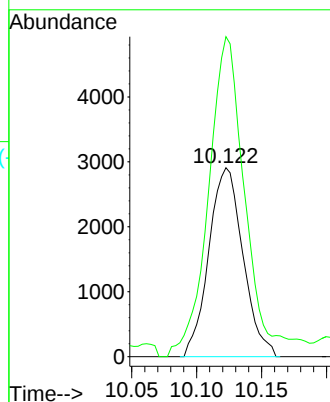
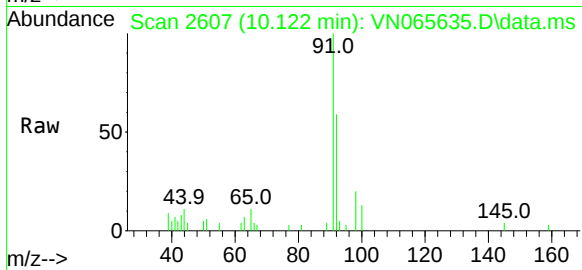
Acq: 27 Jan 2021 17:26

Tgt Ion: 92 Resp: 5318

Ion Ratio Lower Upper

92 100

91 183.3 140.7 211.1



#54

cis-1,3-Dichloropropene

Concen: 7.43 ug/l

RT: 9.872 min Scan# 2529

Delta R.T. 0.065 min

Lab File: VN065635.D

Acq: 27 Jan 2021 17:26

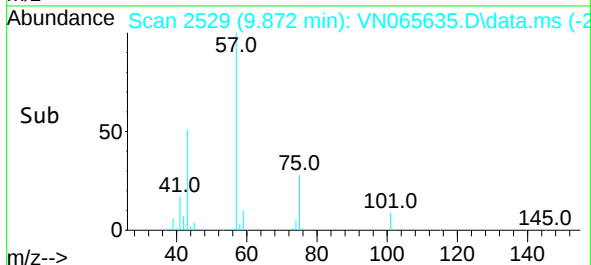
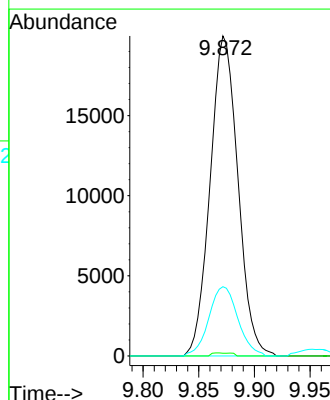
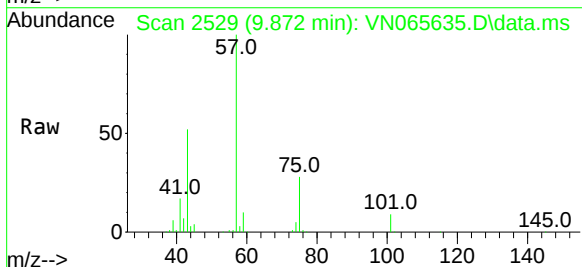
Tgt Ion: 75 Resp: 34627

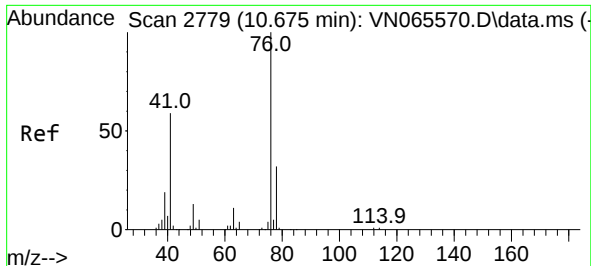
Ion Ratio Lower Upper

75 100

77 0.9 24.9 37.3#

39 21.6 36.2 54.4#

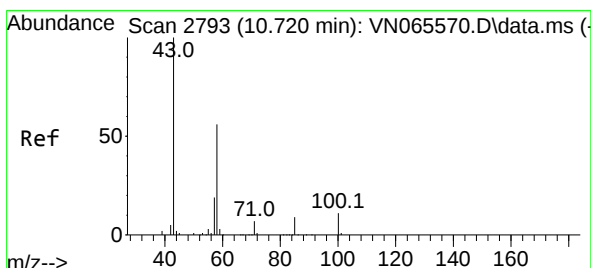
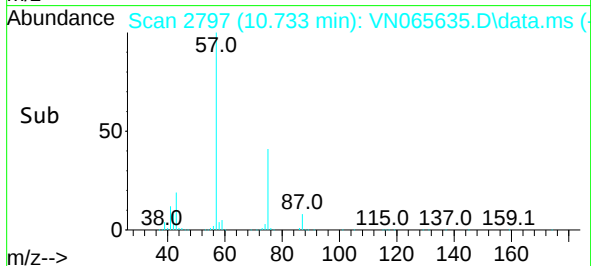
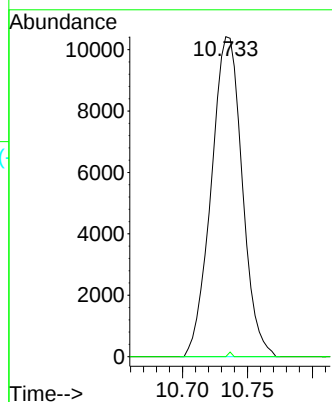
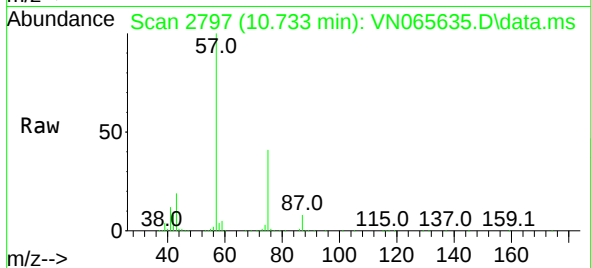




#57
1,3-Dichloropropane
Concen: 3.94 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

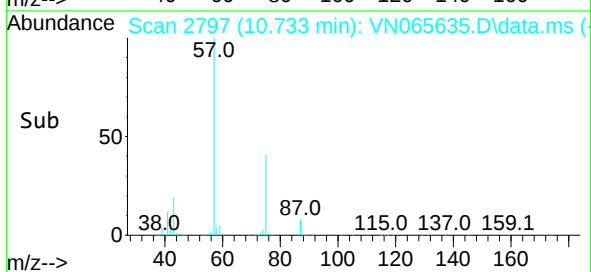
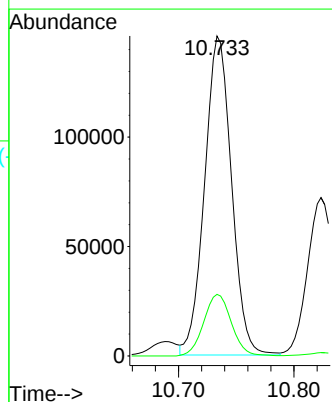
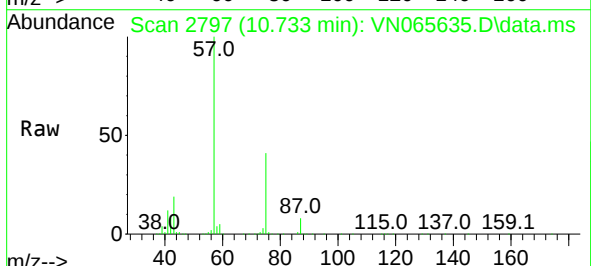
Instrument :
MSVOA_N
ClientSampled :

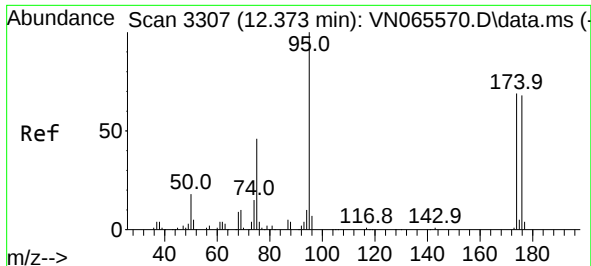
Tgt Ion: 76 Resp: 17263
Ion Ratio Lower Upper
76 100
78 0.2 25.7 38.5#



#59
2-Hexanone
Concen: 100.50 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 43 Resp: 236141
Ion Ratio Lower Upper
43 100
58 19.9 28.1 84.3#

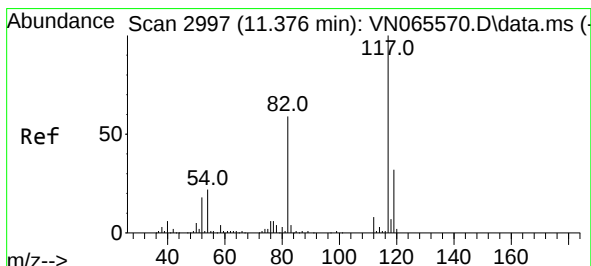
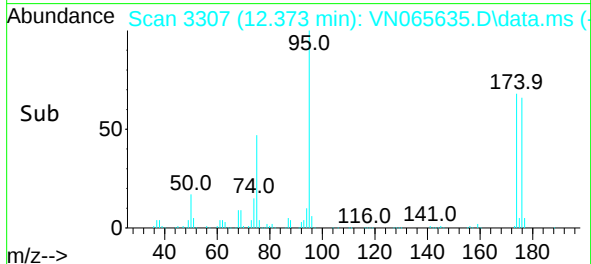
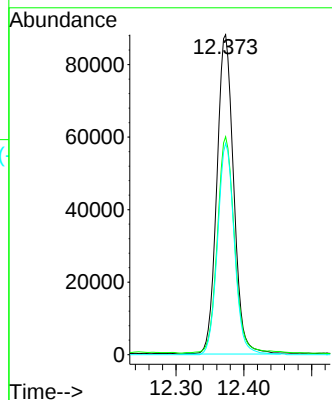
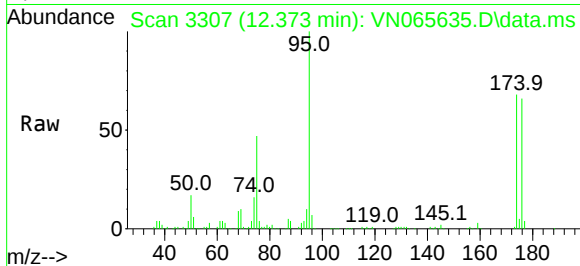




#62
4-Bromofluorobenzene
Concen: 50.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

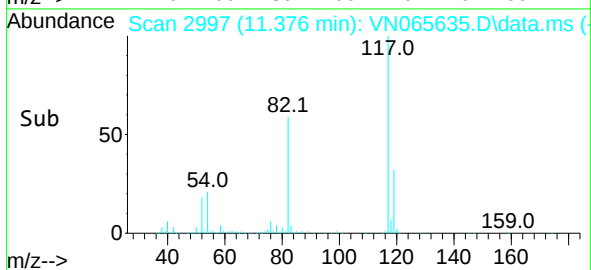
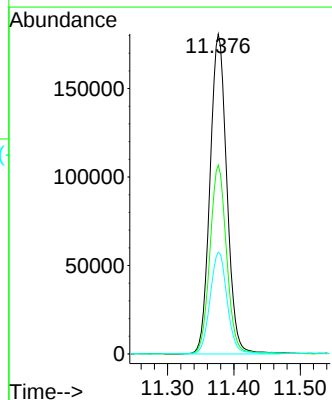
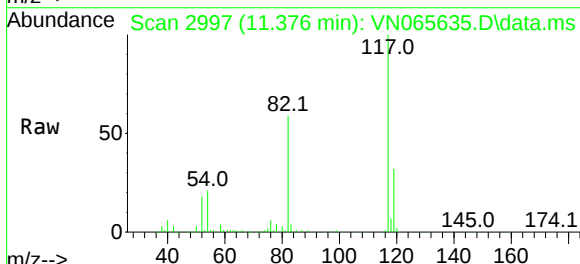
Instrument :
MSVOA_N
ClientSampleId :

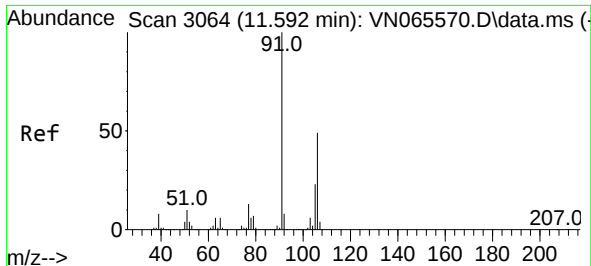
Tgt Ion: 95 Resp: 151878
Ion Ratio Lower Upper
95 100
174 68.4 0.0 169.0
176 66.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 117 Resp: 318822
Ion Ratio Lower Upper
117 100
82 59.0 43.7 65.5
119 31.7 26.1 39.1

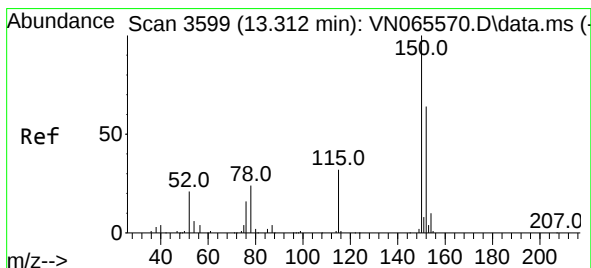
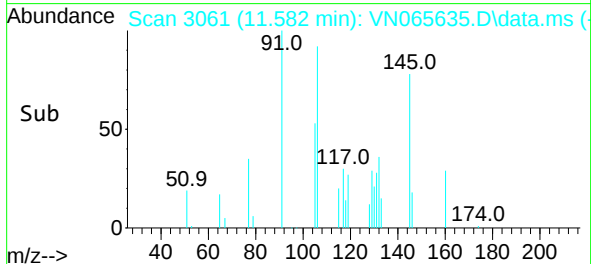
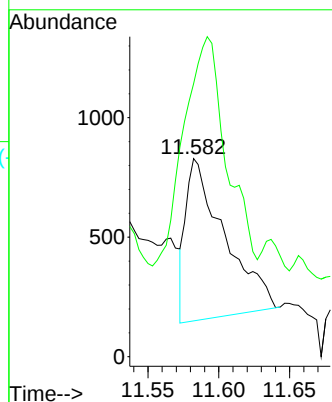
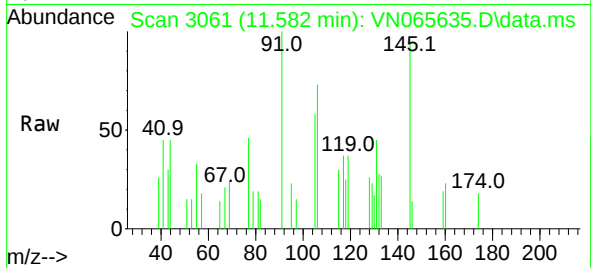




#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 11.582 min Scan# 3061
Delta R.T. -0.010 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

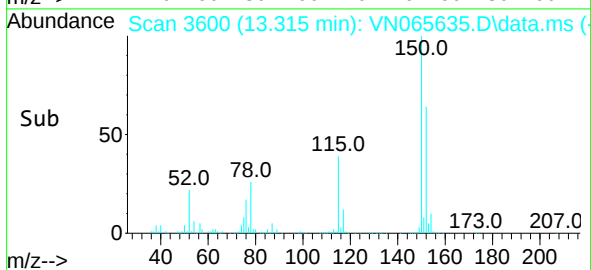
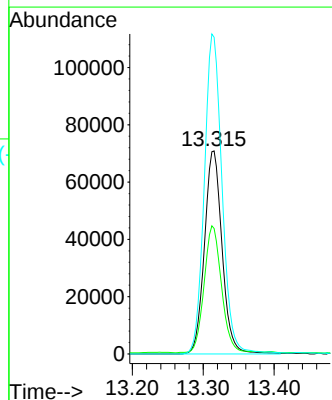
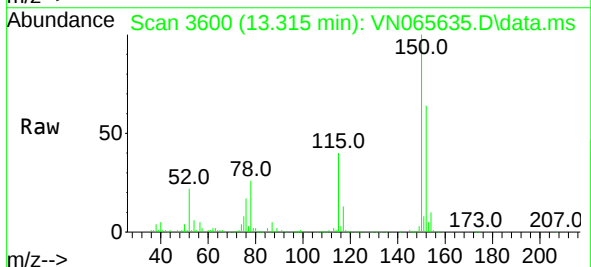
Instrument :
MSVOA_N
ClientSampled :

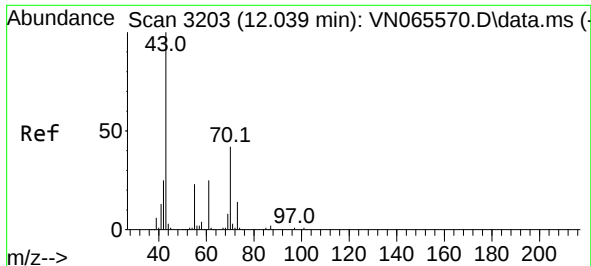
Tgt Ion:106 Resp: 1278
Ion Ratio Lower Upper
106 100
91 167.9 161.4 242.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

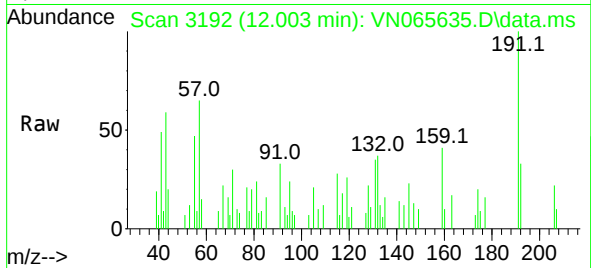
Tgt Ion:152 Resp: 122725
Ion Ratio Lower Upper
152 100
115 61.4 28.5 85.6
150 157.7 0.0 347.6



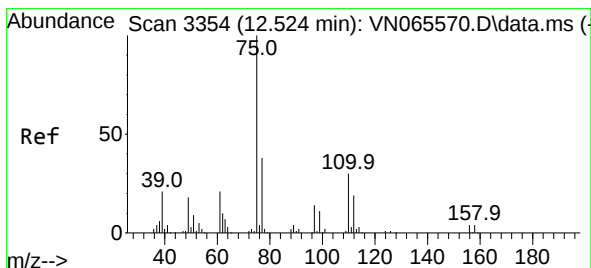
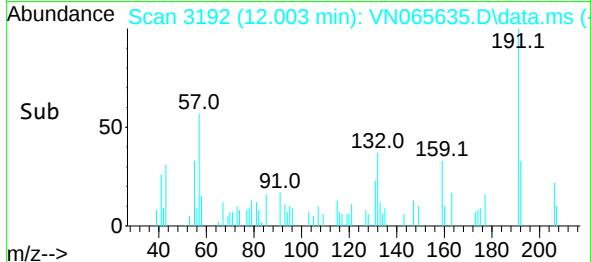
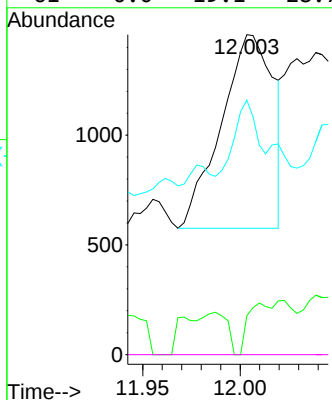


#74
N-amy1 acetate
Concen: 0.36 ug/l
RT: 12.003 min Scan# 3192
Delta R.T. -0.036 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :

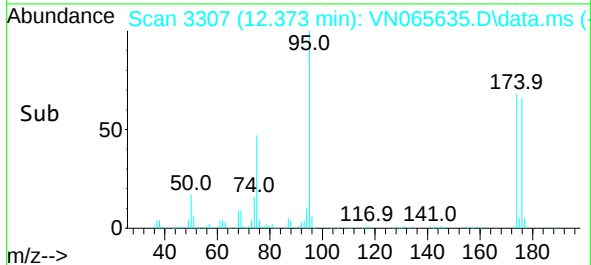
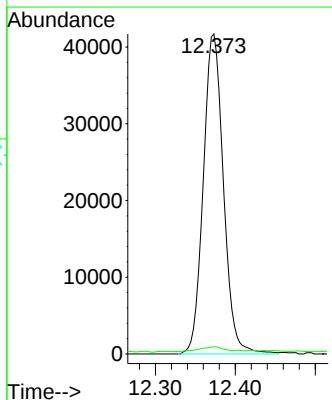
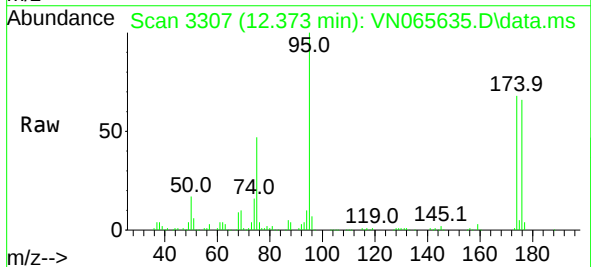


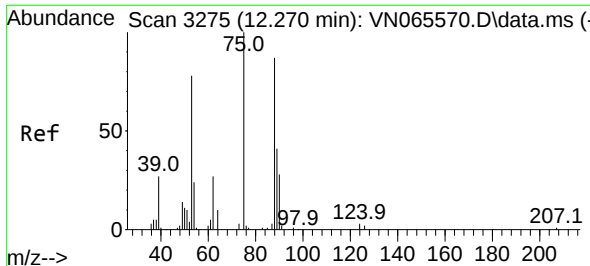
Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
70 12.4 34.4 51.6#
55 14.5 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 22.82 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion: 75 Resp: 73223
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

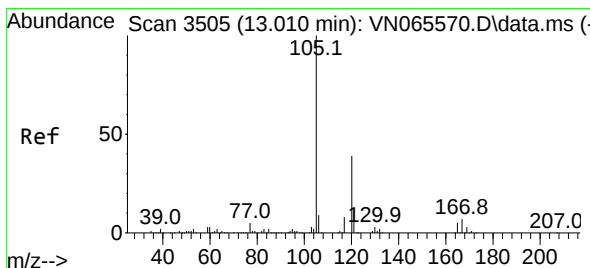
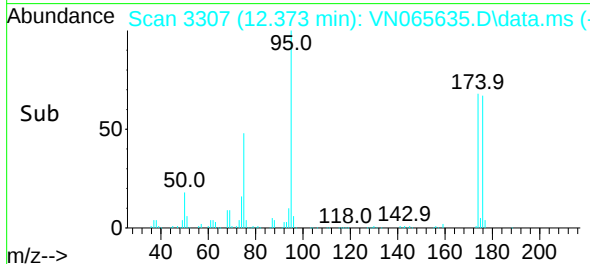
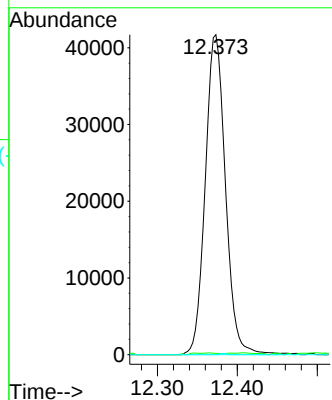
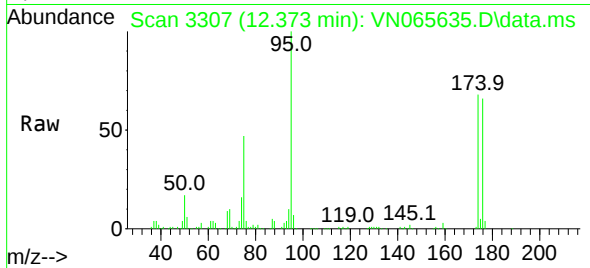




#81
trans-1,4-Dichloro-2-butene
Concen: 58.44 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

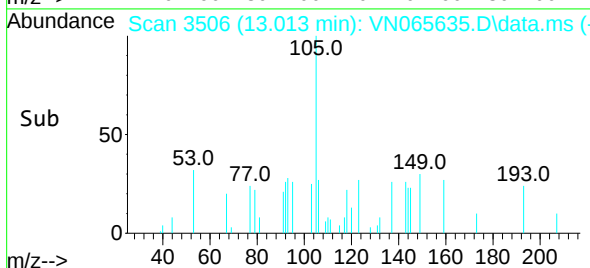
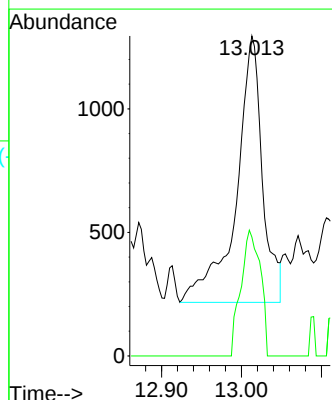
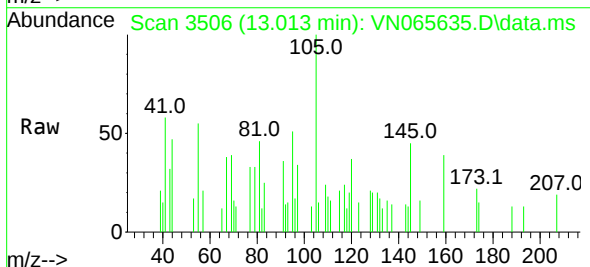
Instrument :
MSVOA_N
ClientSampleId :

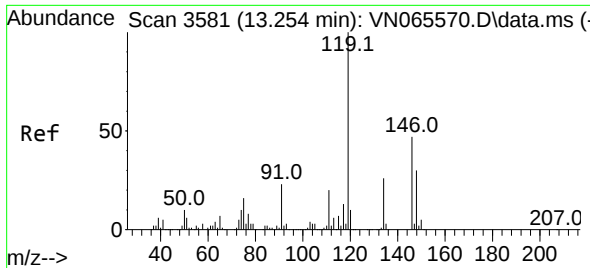
Tgt Ion: 75 Resp: 73223
Ion Ratio Lower Upper
75 100
53 0.2 74.6 111.8#
89 0.0 35.8 53.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.27 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Tgt Ion:105 Resp: 2466
Ion Ratio Lower Upper
105 100
120 35.0 22.4 67.0

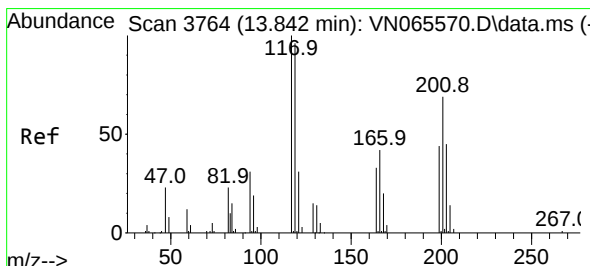
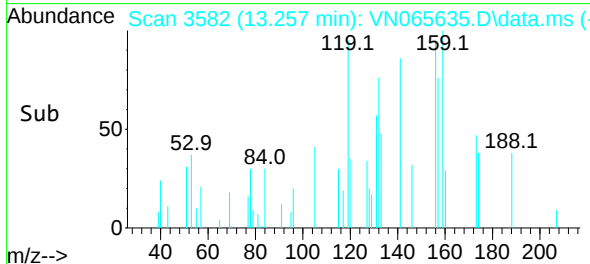
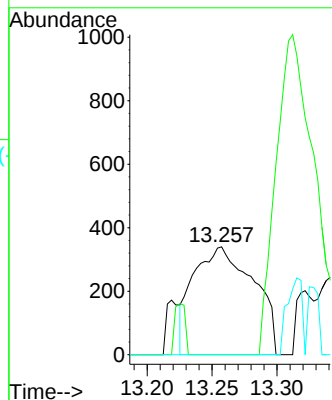
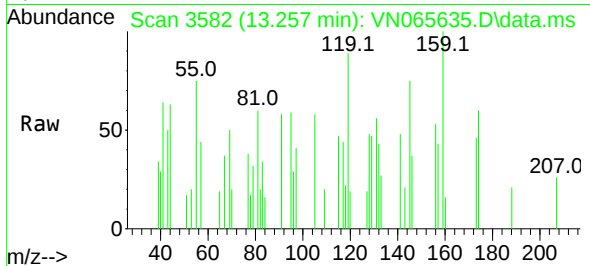




#87
1,3-Dichlorobenzene
Concen: 0.26 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

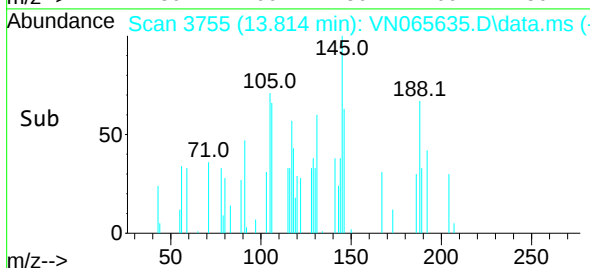
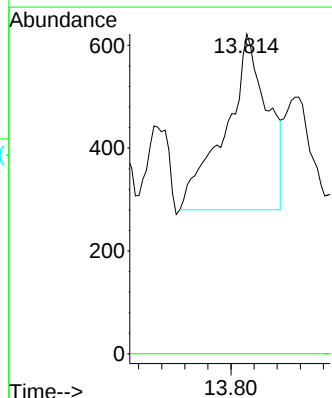
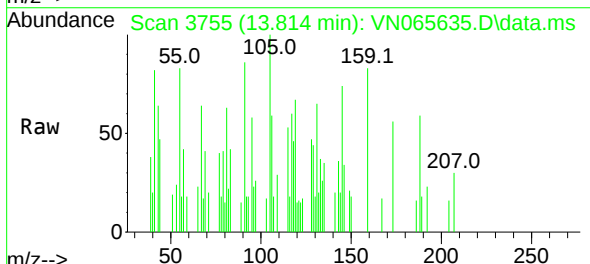
Instrument :
MSVOA_N
ClientSampleId :

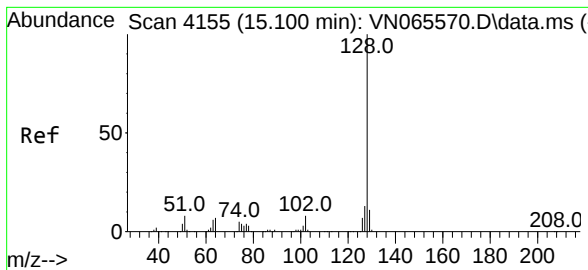
Tgt Ion:146 Resp: 1097
Ion Ratio Lower Upper
146 100
111 0.0 19.5 58.5#
148 0.0 32.3 96.9#



#90
Hexachloroethane
Concen: 0.55 ug/l
RT: 13.814 min Scan# 3755
Delta R.T. -0.028 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

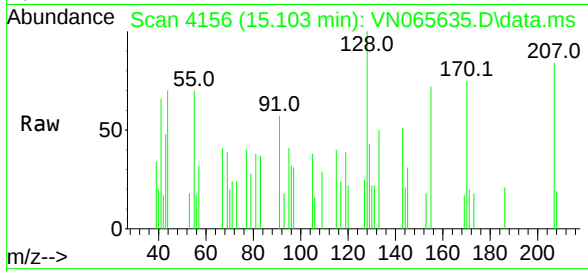
Tgt Ion:117 Resp: 868
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#





#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065635.D
Acq: 27 Jan 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1080
Ion Ratio Lower Upper
128 100
127 23.2 10.2 15.2#
129 53.7 8.6 13.0#

